

UTILITY NOTES

- EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION. ANY UTILITIES DAMAGED DURING CONSTRUCTION MUST BE REPAIRED IMMEDIATELY AND TO THE OWNERS SATISFACTION AT THE CONTRACTORS EXPENSE.

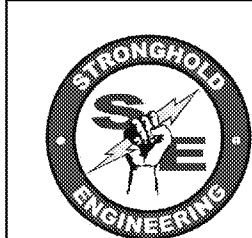
UTILITY CROSSING LEGEND

ITEM	DESCRIPTION
ALL UTILITY CROSSINGS SHOWN IN PROFILE AT POINT OF CONFLICT WITH 6" RECLAIMED WATER MAIN	
(W)	POTABLE WATER CROSSING (APPROXIMATE LOCATION)
(SD)	STORM DRAIN CROSSING (APPROXIMATE LOCATION)
(SS)	SANITARY SEWER CROSSING
(G)	GAS LINE CROSSING (APPROXIMATE LOCATION)

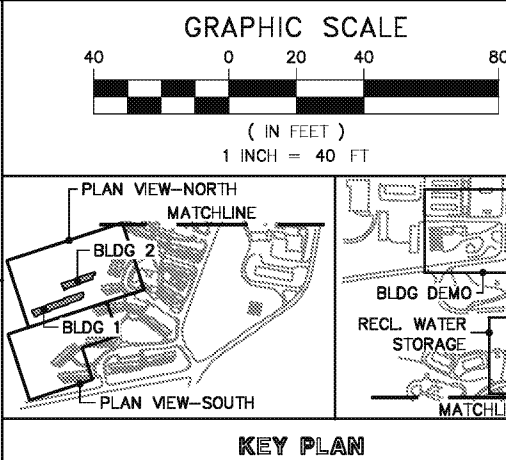
RECLAIMED WATER NOTES

- PROVIDE AND INSTALL SDR-21 CERTAINTIED CERTA-LOK YELLOWLINE RESTRAINED JOINT PIPE (SIZE PER PLAN). REFER TO TRENCH DETAIL 4.5 SHEET D1.04. ALL PIPING AND FITTINGS TO BE FACTORY-COLORED PURPLE TO DISTINGUISH AS RECLAIMED WATER.
- PROVIDE AND INSTALL GATE VALVE (SIZE PER PLAN) PER LACWMD STANDARD PLAN W-15 (REF: DETAIL 4.1 SHEET D1.04)
- PROVIDE AND INSTALL PURPLE CERTAINTIED CERTA-LOK RESTRAINED 90° BEND (SIZE PER PLAN) PER MANUFACTURER'S SPECIFICATIONS
- ABOVE-GROUND SEGMENTS TO BE INSTALLED WITH PIPE SUPPORTS PER DETAIL 3.6 SHEET D1.03. EACH STANDARD 20' LENGTH OF PIPING SHALL HAVE ONE SUPPORT PLACED ON THE BELL SIDE OF THE JOINT AND ONE PLACED AT THE PIPE MIDPOINT FOR A MAXIMUM SPACING OF 10'
- PROVIDE AND INSTALL PURPLE CERTAINTIED CERTA-LOK RESTRAINED 45° BEND (SIZE PER PLAN) PER MANUFACTURER'S SPECIFICATIONS
- REFER TO PRODUCT SHOP DRAWINGS FOR RECLAIMED WATER FEATURE, RESERVOIR TANK, AND APPURTENANCES
- PROVIDE AND INSTALL PURPLE CERTAINTIED CERTA-LOK RESTRAINED 22.5° BEND (SIZE PER PLAN) PER MANUFACTURER'S SPECIFICATIONS
- PROVIDE AND INSTALL PURPLE CERTAINTIED CERTA-LOK RESTRAINED 11.25° BEND (SIZE PER PLAN) PER MANUFACTURER'S SPECIFICATIONS
- PROVIDE AND INSTALL PURPLE CERTAINTIED CERTA-LOK RESTRAINED 5° BEND (SIZE PER PLAN) PER MANUFACTURER'S SPECIFICATIONS
- HORIZONTAL DEFLECTIONS AS SHOWN TO OCCUR AT JOINTS BETWEEN PIPE SEGMENTS ONLY. MAXIMUM DEFLECTION PER JOINT SHALL BE 1"
- HORIZONTAL FITTING (PER PLAN) TO BE ROLLED TO ACCOMMODATE VERTICAL GRADE CHANGE
- VERTICAL PIPE DEFLECTION - REFER TO PROFILE
- PROVIDE AND INSTALL AIR RELEASE AND VACUUM VALVE ASSEMBLY PER LACWMD STANDARD PLAN W-16 (REF: DETAIL 4.4 SHEET D1.04)

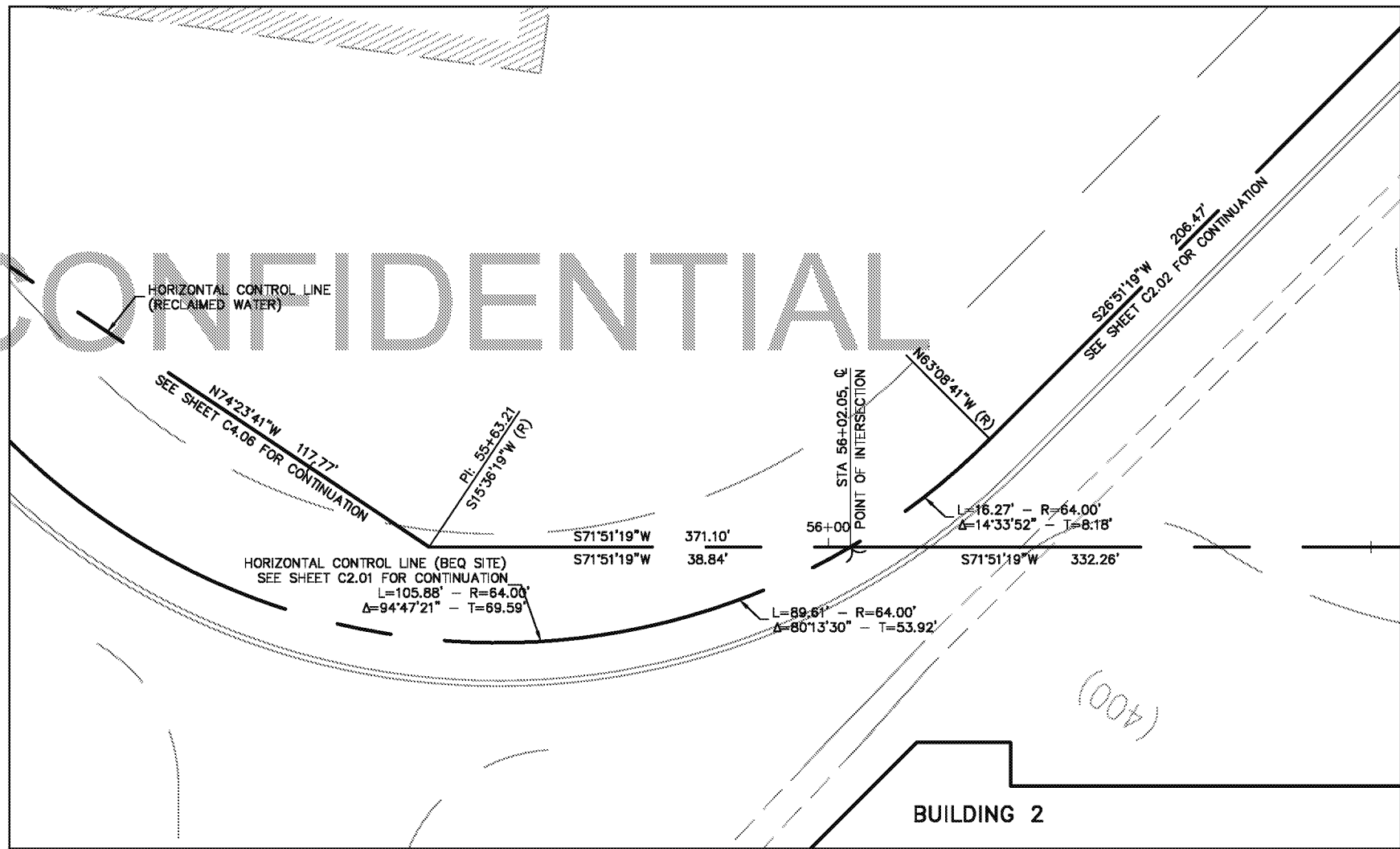
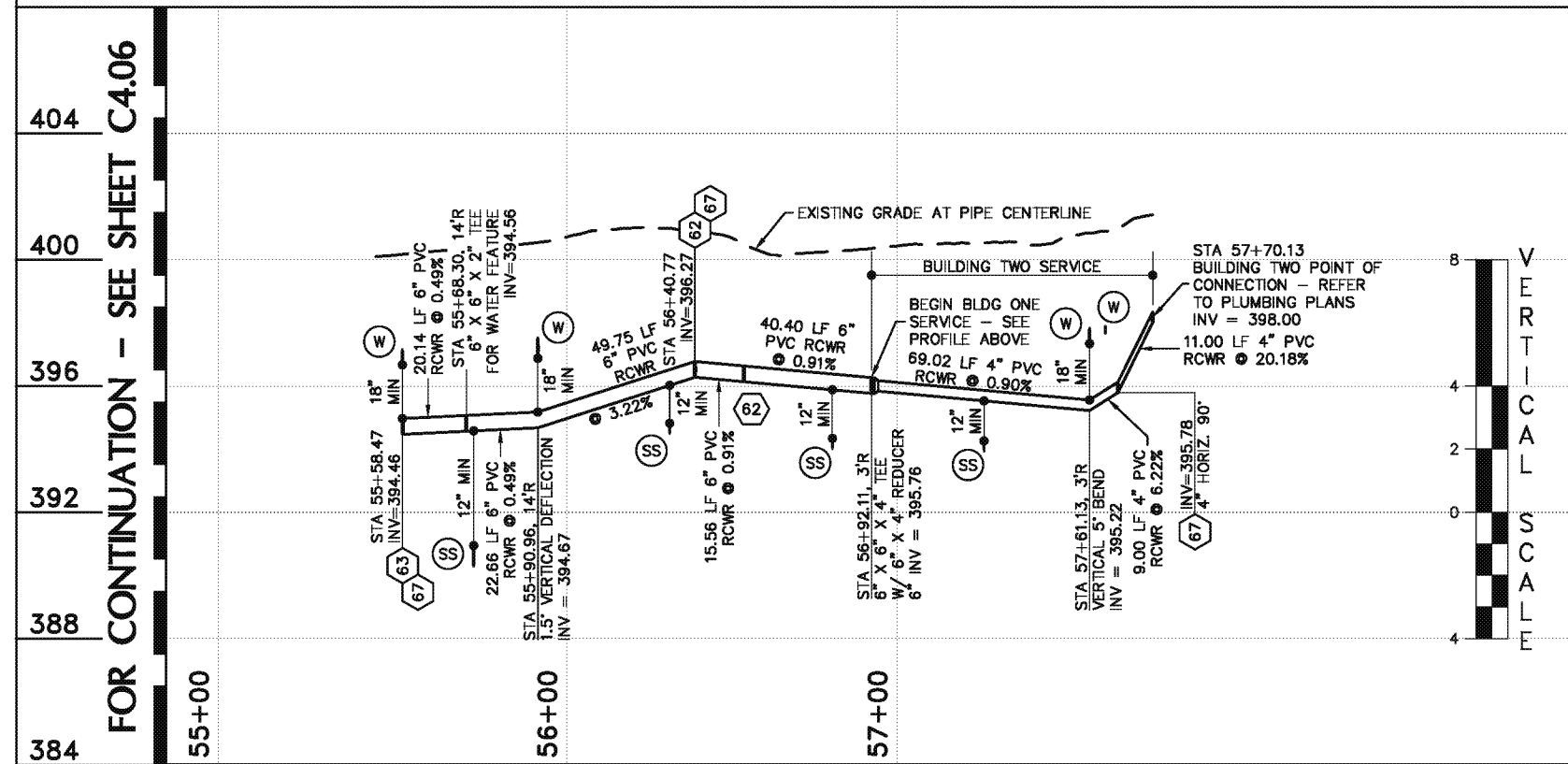
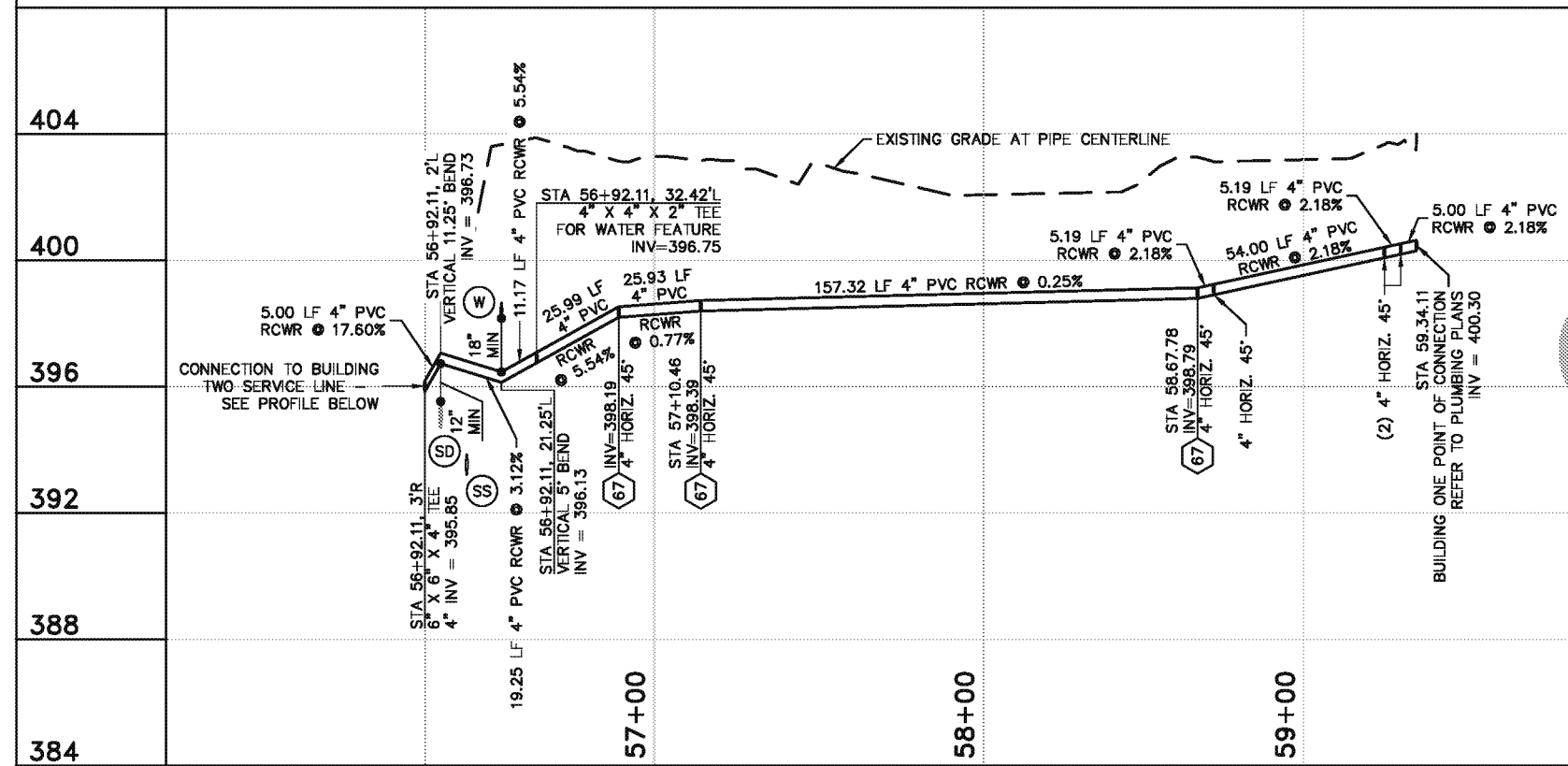
02/17/12	07/29/11	05/19/11	02/25/11	11/18/10	09/01/10	DATE	APPR.
FINAL FOR CONSTRUCTION SUBMITTAL	100% FINAL FOR CONSTRUCTION SUBMITTAL	100% PRE-FINAL DESIGN SUBMITTAL 3rd REVISION	100% PRE-FINAL DESIGN SUBMITTAL 2nd REVISION	REVISED M.E.P. COORDINATION DRAWINGS	REVISED 100% PRE-FINAL DESIGN SUBMITTAL	REVISED EARLY START OF CONSTRUCTION	DESCRIPTION
						REV	
7/2/2012							
SUBMITTED BY ERIC T. MCGRATH CE #47588 POGGMAYER DESIGN GROUP FIRM MEMBER DATE: 09-01-10							
APPROVED							
ACTIVITY - SATISFACTORY TO DATE							
APPROVED							
FOR COMMANDER NAVFAC							
DES							
CHK							
DESIGNER OF RECORD							
REVIEWED BY							
QC							
PROJECT MANAGER							
FIRE PROTECTION							
BLT LEADER							
AFT LEADER							
DEPARTMENT OF THE NAVY							
NAVAL FACILITIES ENGINEERING COMMAND							
SOUTHWEST DIVISION							
SAN CLEMENTE ISLAND, CALIFORNIA							
NAVY BASE CORONADO							
NEW BACHELOR ENLISTED QUARTERS							
SHEET TITLE: RECLAIMED WATER PLAN & PROFILE							
CODE IDENT. NO. -							
SCALE: AS INDICATED							
STA. PROJ. NO.							
SPEC. NO.							
CONSTR. CONTR. NO. N62473-06-D-1057-0007							
NAVFAC DRAWING NO. 18124515							
SHEET 36 OF 50							
U4.05							



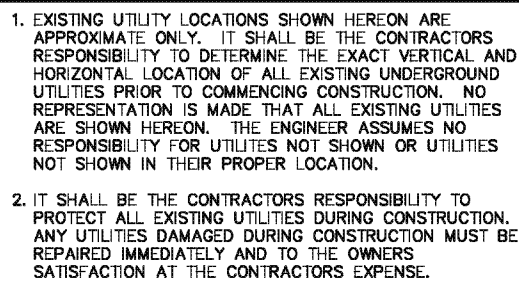
RAVATT ALBRECHT & ASSOCIATES, INC.
ARCHITECTURE/ENGINEERING
3203 LIGHTNING STREET, #201
SANTA MARIA, CA 93455
P.O. BOX 528, SANTA MARIA, CA 93456
T: (805) 928-5002 / F: (805) 928-0105



404	FOR CONTINUATION - SEE SHEET C4.06
400	
396	
392	
388	
384	

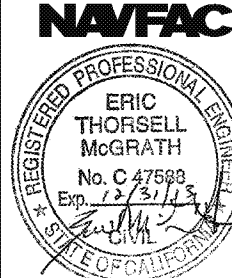


SCALE = 1" = 10'



ITEM	DESCRIPTION
ALL UTILITY CROSSINGS SHOWN IN PROFILE AT POINT OF CONFLICT WITH 6" RECLAIMED WATER MAIN	
(W)	POTABLE WATER CROSSING (APPROXIMATE LOCATION)
(SD)	STORM DRAIN CROSSING (APPROXIMATE LOCATION)
(SS)	SANITARY SEWER CROSSING
(G)	GAS LINE CROSSING (APPROXIMATE LOCATION)

60	PROVIDE AND INSTALL SDR-21 CERTAINTED CERT-A-LOK YELOWINE RESTRAINED JOINT PIPE (SIZE PER PLAN). REFER TO TRENCH DETAIL 4.8 SHEET D1.04. ALL PIPING AND FITTINGS TO BE FACTORY-COLORED PURP TO MATCH WITH AS RESTRAINED.
60A	PROVIDE AND INSTALL CATE VALVE (SIZE PER PLAN) PER LACWO STANDARD PLAN W-16 (REF: DETAIL 4.11 SHEET D1.04)
61	PROVIDE AND INSTALL PURPLE CERTAINTED CERT-A-LOK RESTRAINED 90° BEND (SIZE PER PLAN) PER MANUFACTURER'S SPECIFICATIONS
61A	ABOVE-GROUND SEGMENTS TO BE INSTALLED WITH PIPE SUPPORTS PER DETAIL 3.6 SHEET D1.03. EACH STANDARD 20' LENGTH OF PIPING SHALL HAVE ONE SUPPORT PLACED ON THE BELL SIDE OF THE JOINT AND ONE PLACED AT THE PIPE MIDPOINT FOR A MAXIMUM SPACING OF 10'
62	PROVIDE AND INSTALL PURPLE CERTAINTED CERT-A-LOK RESTRAINED 45° BEND (SIZE PER PLAN) PER MANUFACTURER'S SPECIFICATIONS
62A	REFER TO PRODUCT SHOP DRAWINGS FOR RECLAIMED WATER FEATURE, RESERVOIR TANK, AND APPURTENANCES
63	PROVIDE AND INSTALL PURPLE CERTAINTED CERT-A-LOK RESTRAINED 22.5° BEND (SIZE PER PLAN) PER MANUFACTURER'S SPECIFICATIONS
64	PROVIDE AND INSTALL PURPLE CERTAINTED CERT-A-LOK RESTRAINED 11.25° BEND (SIZE PER PLAN) PER MANUFACTURER'S SPECIFICATIONS
65	PROVIDE AND INSTALL PURPLE CERTAINTED CERT-A-LOK RESTRAINED 5° BEND (SIZE PER PLAN) PER MANUFACTURER'S SPECIFICATIONS
66	HORIZONTAL DEFLECTIONS AS SHOWN TO OCCUR AT JOINTS BETWEEN PIPE SEGMENTS ONLY. MAXIMUM DEFLECTION PER JOINT SHALL BE 1"
67	HORIZONTAL FITTING (PER PLAN) TO BE ROLLED TO ACCOMMODATE VERTICAL GRADE CHANGE
68	VERTICAL PIPE DEFLECTION -- REFER TO PROFILE
69	PROVIDE AND INSTALL AIR RELEASE AND VACUUM VALVE ASSEMBLY PER LACWO STANDARD PLAN W-16 (REF: DETAIL 4.4 SHEET D1.04)



APPROVED

ACTIVITY — SATISFACTORY TO DATE

APPROVED

FOR COMMANDER NAVFAC	
DATE	
DES	-
CHK	
DESIGNER OF RECORD	
REVIEWED BY	
QC	
PROJECT MANAGER	
FIRE PROTECTION	
BLT LEADER	
AFT LEADER	

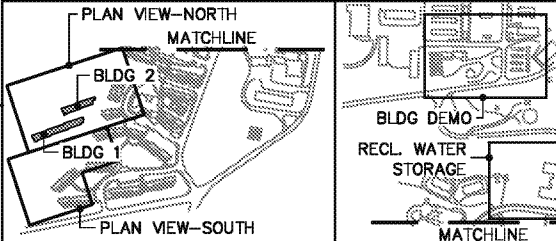
THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
SOUTHWEST DIVISION
0 SAN CLEMENTE ISLAND, CALIFORNIA

NEW BACHELOR ENLISTED QUARTERS

IMMED WATER PLAN & PROFILE

DEPARTMENT OF	NAVY BASE CORONADO	SHEET TITLE:	RECLAMATION
CODE	IDENT. NO.	—	SIZE: D
SCALE: AS INDICATED			
STA. DWG. NO.			
STA. PROJ. NO.			
SPEC. NO.			
CONSTR. CONTR. NO.			
N62473-06-D-1057-0007			
NAVFAC DRAWING NO.			
18124517			
SHEET	38	OF	50

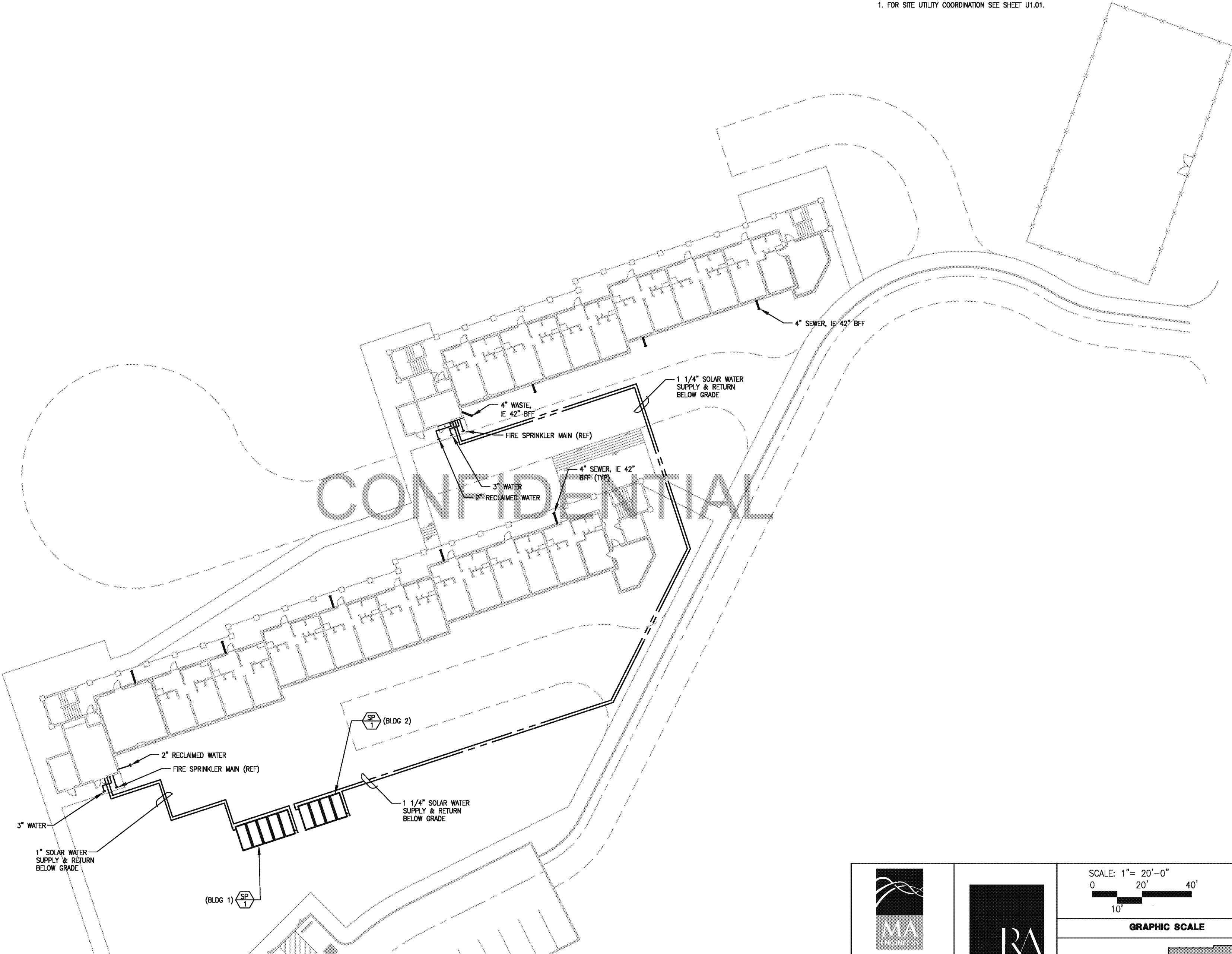
U4.07



KEY PLAN

GENERAL NOTES

1. FOR SITE UTILITY COORDINATION SEE SHEET U1.01.



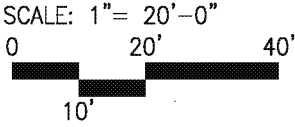
1 PLUMBING SITE PLAN
P1.0 P1.0 SCALE: 1" = 20'



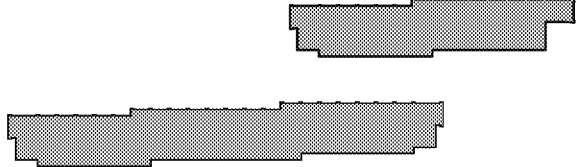
5160 Carrol Canyon Rd,
Suite 200
San Diego, California
92121
Consulting
Mechanical
Engineers
T: 658 200-0030
F: 658 200-0037
www.ma-engr.com



ARCHITECTURE ENGINEERING
3205 LIGHTNING STREET, 4201
SANTA MARIA, CA 93455
P.O. BOX 328, SANTA MARIA, CA 93456
T: (805) 928-8002 / F: (805) 928-0195

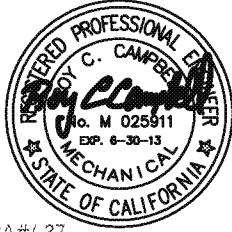
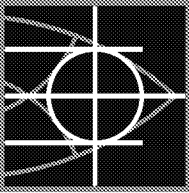


GRAPHIC SCALE



KEY PLAN

REV	DESCRIPTION	DATE	APPR.
07/29/11	100% FINAL FOR CONSTRUCTION SUBMITTAL		
05/19/11	100% PRE-FINAL DESIGN SUBMITTAL 3d REVISION		
02/25/11	100% PRE-FINAL DESIGN SUBMITTAL 2d REVISION		
11/19/10	REVISED M.E.P. COORDINATION DRAWINGS		
11/05/10	REVISED 100% PRE-FINAL DESIGN SUBMITTAL		
09/01/10	REVISED EARLY START OF CONSTRUCTION		
05/26/10	100% PRE-FINAL DESIGN SUBMITTAL		



RA#427
SUBMITTED BY

FIRM MEMBER

DATE

APPROVED

ACTIVITY - SATISFACTORY TO

DATE

APPROVED

FOR COMMANDER NAVFAC

DATE

DES RCD

CHK RC

DESIGNER OF RECORD

REVIEWED BY

QC

PROJECT MANAGER

FIRE PROTECTION

BILT LEADER

AFT LEADER

NAVA

NAVAL FACILITIES ENGINEERING COMMAND

SOUTHWEST DIVISION

NAVY BASE CORONADO

SAN CLEMENTE ISLAND, CALIFORNIA

NEW BACHELOR ENLISTED QUARTERS

PLUMBING SITE PLAN

SHEET TITLE:

CODE IDENT. NO.

SIZE: D

SCALE: AS INDICATED

STA. DWG. NO.

STA. PROJ. NO.

SPEC. NO.

CONSTR. CONTR. NO.

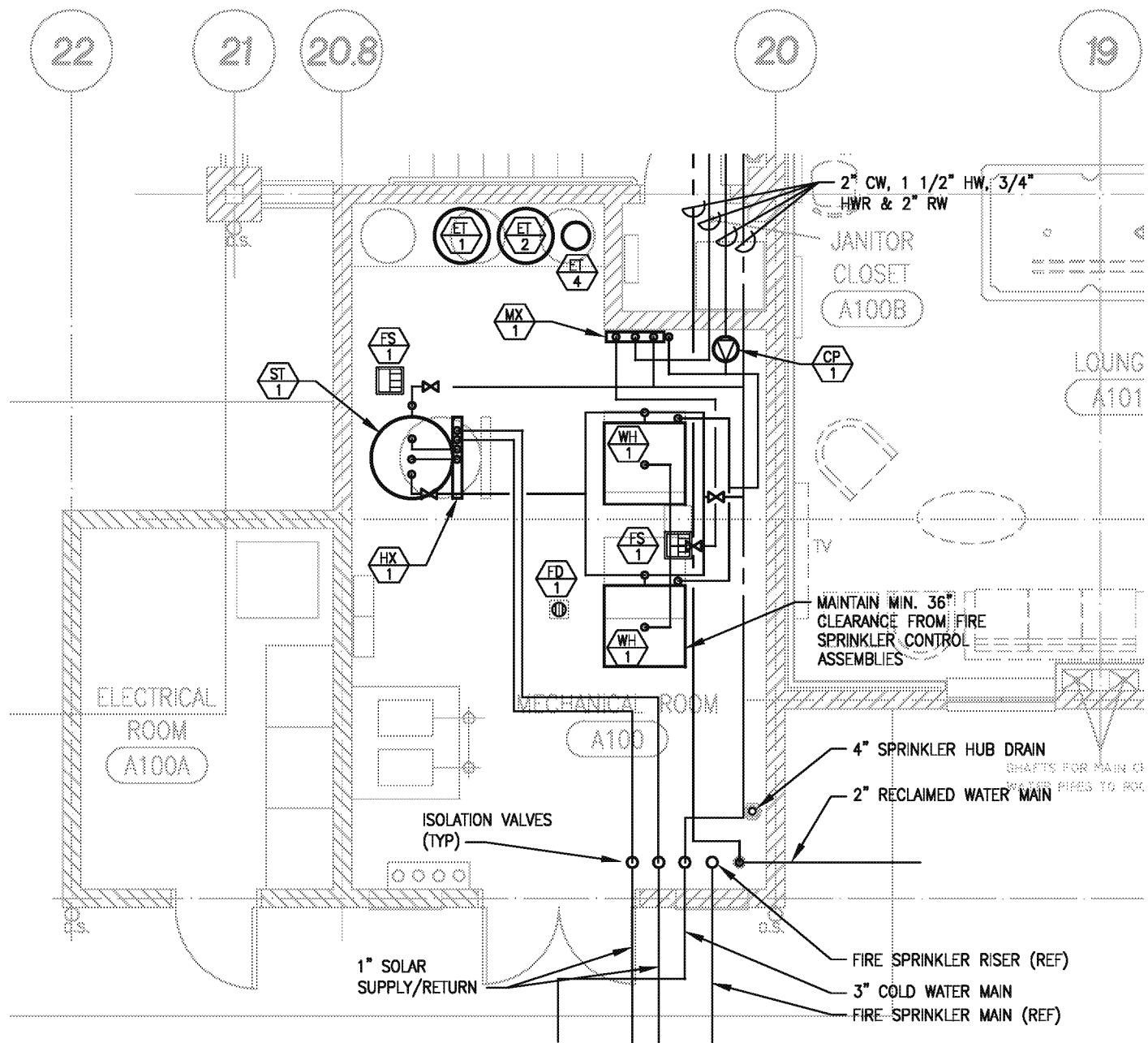
N62473-06-D-1057-0007

NAVFAC DRAWING NO.

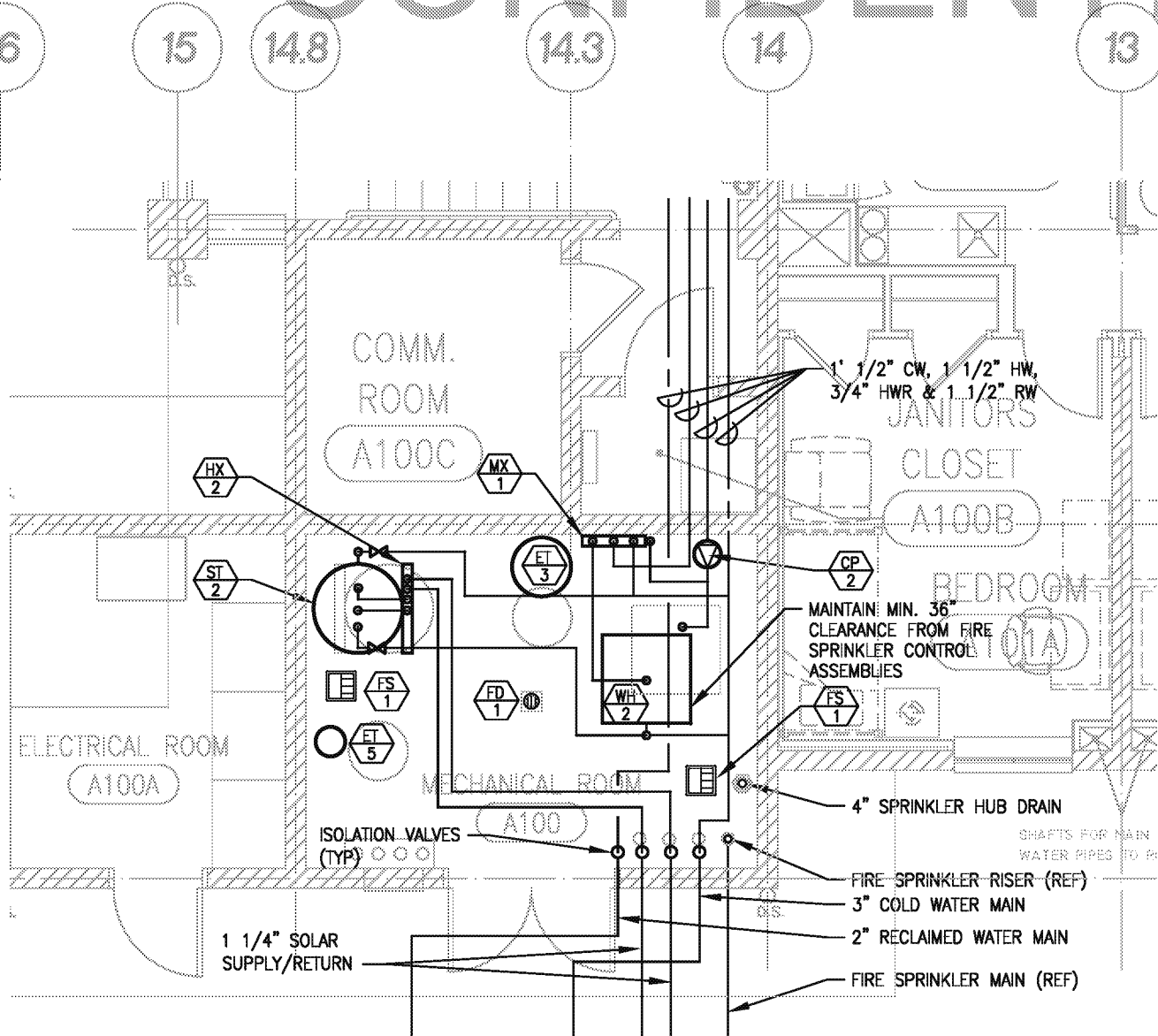
SHEET

OF

P1.0



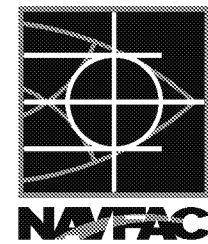
1 ENLARGED PLUMBING PLAN - BUILDING 1 MECHANICAL ROOM
P2.1 P3.1 SCALE: 1/4" = 1'-0"



2 ENLARGED PLUMBING PLAN - BUILDING 2 MECHANICAL ROOM
P2.3 P3.1 SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. THE BOTTOM OF DUCTS, PIPES, CONDUITS AND ALL APPURTENANCES RUNNING HORIZONTALLY ABOVE THE KITCHENETTE AND BATHROOM CEILINGS SHALL NOT PROTRUDE BELOW 7'-10" ABOVE CONCRETE FLOOR SLAB.
2. ALL DISCIPLINES MUST COORDINATE WITH EACH OTHER AND REFER TO ALL ARCHITECTURAL COORDINATION PLANS (A-36 THRU A-39) BEFORE ATTEMPTING ANY WORK. SEE A-36 THRU A-39 FOR MORE DETAILS ON COORDINATION EFFORTS.



RA#427

SUBMITTED BY

FIRM MEMBER

DATE

APPROVED

ACTIVITY - SATISFACTORY TO

DATE

APPROVED

FOR COMMANDER NAVFAC

DATE

DES. RCD

CHK. RC

DESIGNER OF RECORD

REVIEWED BY

QC

PROJECT MANAGER

FIRE PROTECTION

BILT LEADER

AFT LEADER

DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING COMMAND

SOUTHWEST DIVISION

NAVY BASE CORONADO

SAN CLEMENTE ISLAND, CALIFORNIA

NEW BACHELOR ENLISTED QUARTERS

SHEET TITLE:

ENLARGED PLUMBING FLOOR PLANS

CODE IDENT. NO. -

SIZE: D

SCALE: AS INDICATED

STA. DWG. NO.

STA. PROJ. NO.

SPEC. NO.

CONSTR. CONTR. NO.

N62473-06-D-1057-0007

NAVFAC DRAWING NO.

SHEET

OF

P3.1



5160 Carrol Canyon Rd.
Suite 200
San Diego, California
92121
Consulting
Mechanical
Engineers
T: 858 200-0030
F: 858 200-0037
www.ma-engr.com

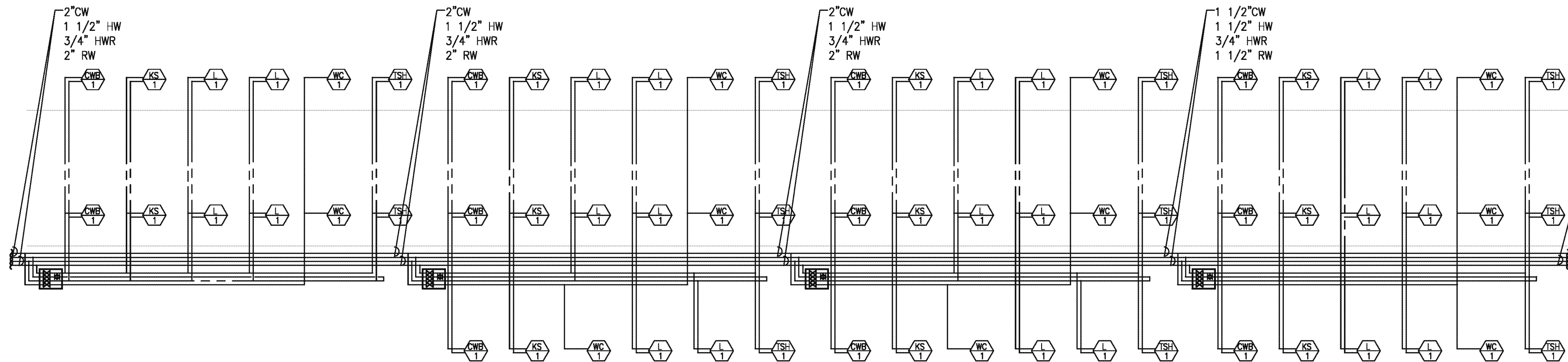


3205 LIGHTNING STREET, 4TH
SANTA MARIA, CA 93455
P.O. BOX 328, SANTA MARIA, CA 93456
T: (805) 928-8002 / F: (805) 928-0195

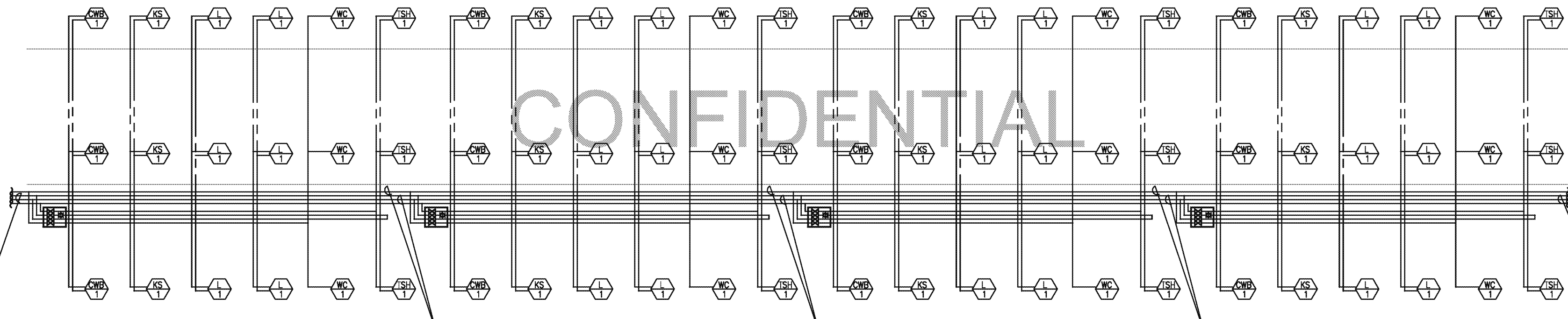
SCALE: 1/4" = 1'-0"
0 4' 8'
2'

GRAPHIC SCALE

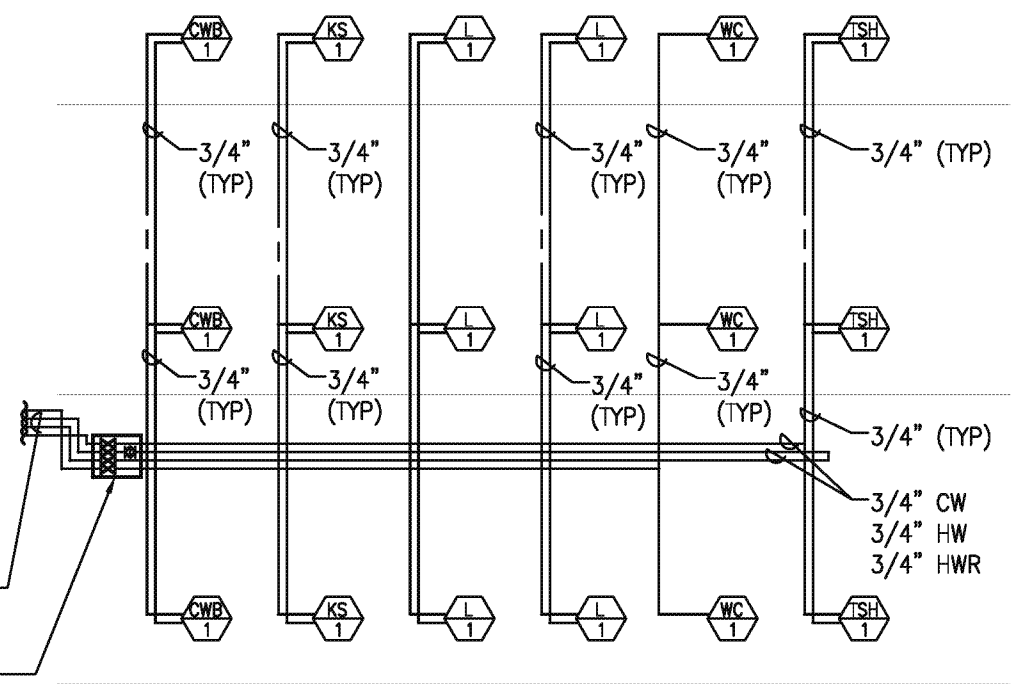
KEY PLAN



FOR CONT.
SEE BELOW-A



FOR CONT.
SEE BELOW-B



FOR CONT.
SEE ABOVE-A

ISOLATION & BALANCING
VALVES (TYP)

PLUMBING DOMESTIC WATER RISER DIAGRAM (BUILDING 1)

NO SCALE

1
P4.3/P4.3



5160 Carroll Canyon Rd,
Suite 200
San Diego, California
92121
Consulting
Mechanical
Engineers
T: 858 200-0030
F: 858 200-0037
www.ma-engr.com



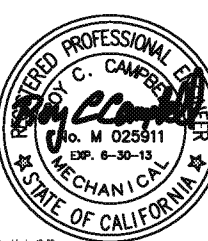
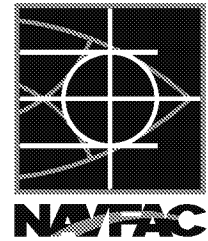
RAYATT ALBRECHT
& ASSOCIATES, INC.
ARCHITECTURE/ENGINEERING
3203 LIGHTNING STREET, 4TH
FLOOR, SAN DIEGO, CA 92108
TEL: (619) 594-9002 / FAX: (619) 594-9005

GRAPHIC SCALE



KEY PLAN

REV	DESCRIPTION	DATE	APPR.
07/29/11	100% FINAL FOR CONSTRUCTION SUBMITTAL		
05/19/11	100% PRE-FINAL DESIGN SUBMITTAL 3rd REVISION		
02/25/11	100% PRE-FINAL DESIGN SUBMITTAL 2nd REVISION		
11/19/10	REVISED M.E.P. COORDINATION DRAWINGS		
11/05/10	REVISED 100% PRE-FINAL DESIGN SUBMITTAL		
09/01/10	REVISED EARLY START OF CONSTRUCTION		
05/26/10	100% PRE-FINAL DESIGN SUBMITTAL		



RA#427

SUBMITTED BY

FIRM MEMBER

APPROVED

ACTIVITY - SATISFACTORY TO

APPROVED

FOR COMMANDER NAVFAC

DES. ROD

CHK. RC

DESIGNER OF RECORD

REVIEWED BY

QC

PROJECT MANAGER

FIRE PROTECTION

BILT LEADER

AFT LEADER

DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING COMMAND

SOUTHWEST DIVISION

NAVY BASE CORONADO

SAN CLEMENTE ISLAND, CALIFORNIA

NEW BACHELOR ENLISTED QUARTERS

SHEET TITLE:

PLUMBING DIAGRAM

ED_002551_00001536-00008

Enclosure 7
-
CEC Monitoring Work Plan

CONSTITUENTS OF EMERGING CONCERN SAMPLING WORK PLAN

June 2016
United States Navy - San Clemente Island Wastewater Treatment Plant

SITE DESCRIPTION

The wastewater treatment plant (WWTP) is located approximately 1500 feet east of Wilson Cove on San Clemente Island (SCI) and discharges a maximum monthly average of 0.025 million gallons per day (MGD) of treated wastewater to the Pacific Ocean. The WWTP treats wastewater primarily from residential discharges and serves a population of approximately 500 people. The plant is designed for 0.06 MGD capacity for secondary discharge and 0.03 MGD for tertiary treated discharge. The wastewater is treated via a MBR package plant that includes screening, flow equalization, sludge storage, anoxic zones, aeration, filtration, chlorine contact, and dechlorination.

WORK PLAN

This Work Plan sampling is proposed to be conducted on 24- hour composite and grab samples at Effluent Monitoring Station EFF-001 as specified in the NPDES permit.

HEALTH & SAFETY PLAN

Sampling and field activities will be conducted in accordance with the SCI Health & Safety Plan (HASP). The HASP identifies physical and chemical hazards, minimizing exposure to potentially hazardous materials. The HASP describes contaminant properties that may be encountered and appropriate personal protective equipment (PPE) as well as emergency contingencies.

CEC MONITORING

Contaminants of Emerging Concern (CEC) describes a large number of pharmaceuticals, personal care products, food additives, pesticides, and other common household chemicals for which water quality standards have not been established. Per SCI permit, Order number R4-2013-0111, NPDES NO.CA0110175, SCI WWTP shall conduct a special study to investigate the CECs in the effluent discharged from the facility. This study answers the question of whether or not CECs are present in the effluent discharge at SCI WWTP. This is a one-time sampling of CECs per the current permit.

CEC SAMPLING PLAN

SCI WWTP will collect one-time 24 hour composite samples and grab samples at EFF-001. The samples will be analyzed for the parameters listed below in Table 1 by the certified lab within 48 hours of collecting the samples. The list of parameters is from Table 7 in attachment E of the NPDES permit; the sample types and reporting levels were provided by the Los Angeles Regional Water Quality Control Board (LA RWQCB) with an adjustment to the list. The certified lab will determine

the most appropriate test methods (typically liquid or gas chromatography and mass spectrometry) to analyze the samples based on the reporting level, the test method MDL (method detection limit), cost, and practicality. The sampling results will be reported as part of the annual summary report to the Regional Water Board.

TABLE 1. CEC LIST AND SAMPLING INFORMATION

Parameter	Sample Type	CAS #	Reporting Level (ng/L)
17 α -Ethinyl Estradiol (EE2)	Composite	57-63-6	0.5
17 β -Estradiol (E2)	Composite	50-28-2	0.5
Estrone (E1)	Composite	53-16-7	0.5
Bisphenol A	Composite	80-05-7	10
Nonylphenol & Nonylphenol Polyethoxylates	Composite		100
Octylphenol & Octylphenol Polyethoxylates	Composite		100
Polybrominated Diphenyl Ethers (PBDE 28, 47, 99, 100, 153, 154, 183, 209)	Grab		100 for PBDE 209; 5 for all others
Amoxicillin	Composite	26787-78-0	10
Azithromycin	Composite	83905-01-5	10
Carbamazepine	Composite	298-46-4	10
Caffeine	Composite	58-08-2	10
N,N-Diethyl-m-toluamide (DEET)	Composite	134-62-3	10
Dilantin (<i>phenytoin</i>)	Composite		10
Gemfibrozil	Composite	25812-30-0	10
Ibuprofen	Composite	15687-27-1	10
Iodinated Contrast Media (Iopromide)	Composite	73334-07-3	10
Sulfamethoxazole	Composite	723-46-6	10
Trimethoprim	Composite	738-70-5	10
Tris (2-chloroethyl phosphate)-TCEP, TCPP and TDCPP	Composite	13674-84-5, 13674-84-5, 13674-84-8	10
Triclosan	Composite	3380-34-5	10
Bifenthrin	Grab	82654-04-3	5
Permethrin	Grab	52645-53-1	10
Chlorpyrifos	Composite	2921-88-2	10
Galaxolide	Composite	1222-05-5	10
Diclofenac	Composite	15307-86-5	10
Perfluorooctane Sulfonate (PFOS)	Composite	2795-39-3	40
Fipronil	Grab	120068-37-3	2
Meprobamate	Composite	57-53-4	10

Los Angeles Regional Water Quality Control Board

May 16, 2018

Mr. Jason Golumbskie-Jones
Installation Environmental Program Director
Naval Base Coronado
BOX 357033
San Diego, CA 92135

INCOMPLETE REPORT OF WASTE DISCHARGE (ROWD) FOR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT – NAVAL AUXILIARY LANDING FIELD, SAN CLEMENTE ISLAND WASTEWATER TREATMENT PLANT (NPDES NO. CA0110175, CI-6432)

Dear Mr. Jason Golumbskie-Jones,

On May 03, 2018, the Los Angeles Regional Water Quality Control Board (Regional Water Board) received a Report of Waste Discharge (ROWD) including USEPA Form 1, 3510-2A, 3510-2S, and State Form 200 with supplemental information, from the United States Navy (Navy). The Regional Water Board staff has reviewed the submitted forms and has deemed the ROWD incomplete. The Regional Water Board requests the following information to complete the ROWD submittal:

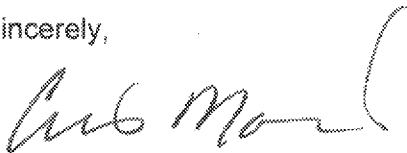
1. In section XII, Form 1. Describe products produced such as biosolids and recycled water.
2. Form 2A, Section A.7. Include the design flow rate for the secondary treatment plant in addition to the tertiary treatment plant.
3. Complete Form 2A, Section A.9, for Outfall 001 and indicate the date on which it was decommissioned.
4. Form 200. Include the Assessor's Parcel Number for the facility.
5. Describe any scheduled improvements to the facility that may impact the quality of the final effluent. This includes the start-up of the tertiary treatment plant and the fate of the secondary treatment plant.
6. Include information regarding the facility's compliance with Title 40 of the Code of Federal Regulations (40 CFR) section 258, including any lab results.
7. Provide a clear version of Figure 1 and Figure 2 depicting the receiving water and sediment station locations.
8. Include an unobstructed copy of the process flow diagram and split the diagram so that it fits on three separate standard sheets of paper.
9. Include the locations at which chemicals are added to the process and the flow rates through each unit process in the process flow diagram.

10. Provide a narrative of the treatment process including all unit processes and chemicals added. Describe the flow through the secondary and tertiary treatment plants and how these plants are hydraulically connected.
11. Describe the source water from the facility (residential, industrial, etc.).
12. Provide a narrative on how industrial wastes are disposed on the island.
13. Describe the extent of the sanitary sewer system on San Clemente Island and date on which a Notice of Intent (NOI) was submitted to the State Water Resources Control Board for coverage under the *Statewide General Waste Discharge Requirements for Sanitary Sewer Systems* (State Water Board Order No. 2006-0003-DWQ).
14. Provide a narrative describing the storm water flows at the facility and the date on which an NOI was submitted to the State Water Resources Control Board for coverage under the *General Permit for Storm Water Discharges Associated with Industrial Activities* (Order 2014-0057-DWQ).
15. Describe the cause(s) of the pH violations observed during the current permit cycle since August of 2013 and any corrective actions that were performed.
16. Include documentation that the Chief Plant Operator has the appropriate level of certification to operate the facility.
17. Monitoring frequencies for several constituents were increased with the adoption of the current Order but data for 2013 does not reflect this. Please update the spreadsheet to include all monitoring data for the last quarter of 2013.
18. Include 2013 monitoring data for nitrite, total nitrogen, and organic nitrogen in the spreadsheet.

Please submit the requested information to the Regional Water Board by June 18, 2018. The Regional Water Board staff looks forward to working with the United States Navy during the NPDES permit renewal for the San Clemente Island Wastewater Treatment Plant.

If you have any questions, please contact Steven Webb at (213) 576-6793.

Sincerely,



Cris Morris, P.E., Chief
Watershed Regulatory Section

cc: John Locke, United States Navy
Len Sinfield, United States Navy
June Wheaton, United States Navy
Carly Parana, United States Navy
Veronica Cuevas, Regional Water Board
Cris Morris, Regional Water Board
Hugh Marley, Regional Water Board



DEPARTMENT OF THE NAVY
COMMANDING OFFICER
NAVAL BASE CORONADO
BOX 357033
SAN DIEGO, CA 92135-7033

IN REPLY REFER TO:
5090
Ser N04/186
June 18, 2018

Information Technology Unit
California Regional Water Quality
Control Board, Los Angeles Region
320 West Fourth Street Suite 200
Los Angeles, CA 90013
Attention: Steven Webb

Ladies and Gentlemen:

SUBJECT: RESPONSE TO FURTHER INFORMATION REQUEST FOR REPORT OF
WASTE DISCHARGE FOR SAN CLEMENTE ISLAND'S WASTEWATER
TREATMENT PLANT NATIONAL POLLUTANT DISCHARGE ELIMINATION
SYSTEM PERMIT APPLICATION (NPDES NO. CA0110175, CI NO. 6432)

The California Regional Water Quality Control Board, Los Angeles Region, has requested further information on the Report of Waste Discharge for the San Clemente Island Wastewater Treatment Plant's National Pollutant Discharge Elimination System permit application. Enclosure (1) contains responses to all further information requests related to this matter.

If there are any questions or if additional information is required, please contact Ms. Carly Parana at (619) 545-1130.

Sincerely,

J. GOLUMBFSKIE-JONES
Installation Environmental Program Director
By direction of
Commanding Officer Naval Base Coronado

Enclosures: 1. Responses to Request for Further Information

Copy to: Captain Scott Mulvehill, Commanding Officer NBC
John Locke, Compliance Manager NBC
Kathy Stewart, N45
Kathie Beverly, N45 EV1
Len Sinfield

May 16, 2018

INCOMPLETE ROWD FOR NPDES PERMIT NALF SCI WWTP

NPDES NO. CA0110175, CI-6432

1. In section XII, Form 1. Describe products produced such as biosolids and recycled water.

Biosolids from the treatment plant are either dried in drying beds or bagged for dewatering over plastic pallets. The dried biosolids are transported to and disposed of at the San Clemente Island Landfill, regulated separately under Order No. R4-2010-0045, adopted by the Regional Water Board on March 4, 2010.

The Navy is producing, distributing, and using recycled water under Order R4-2015-0107, which became effective on May 14, 2015. The recycled water is used for soil compaction, mixing concrete, backfill consolidation around non-potable piping, dust control, and flushing sanitary sewers.

2. Form 2A, Section A.6. Include the design flow rate for the secondary treatment plant in addition to the tertiary treatment plant.

The design flow rate for the secondary treatment plant is 0.06 mgd.

3. Complete Form 2A, Section A.9, for Outfall 001 and indicate the date on which it was decommissioned.

Section A.9 Description of Outfall 001:

- a. Outfall number: 001
- b. Location: Navy Auxiliary Landing Field San Clemente Island, Los Angeles, CA 250 feet east of the plant and 1,000 feet south of Wilson Cove (Latitude 32.9972; Longitude -118.54583)
- c. Distance from shore (if applicable): NA
- d. Depth below surface (if applicable): NA
- e. Average daily flow rate: NA (decommissioned on 11 July 2008)
- f. Does the outfall have either an intermittent or a periodic discharge? No
- g. Is outfall equipped with a diffuser? No

4. Form 200. Include the Assessor's Parcel Number for the facility.

There is no Assessor's Parcel Number associated with this facility. See associated Executive Orders 6897, 7747, and 7805 attached to this submittal.

5. Describe any scheduled improvements to the facility that may impact the quality of the final effluent. This includes the start-up of the tertiary treatment plant and the fate of the secondary treatment plant.

The supplemental information sheet containing this information was inadvertently omitted from the prior submittal and is attached.

6. Include information regarding the facility's compliance with Title 40 of the Code of Federal Regulations (40 CFR) section 258, including any lab results.

SCI WDR Landfill Permit is attached for reference. In the permit, it is stated that SCI is exempt from groundwater sampling.